



surge suppressor, suppression diode with LED, 24-70 V DC, for contactors 3RT2.1 and auxiliary contactors 3RH2

|                          |   |
|--------------------------|---|
| product brand name       | SIRIUS  |
| product category         | Surge suppressor                                    |
| product designation      | Interference suppression diode with LED             |
| product type designation | 3RT29   |
| suitability for use      | for 3RT2.1 contactors and 3RH2 auxiliary contactors |

### General technical data

|   |                        |
|---|------------------------|
| certificate of suitability                    | CE / UL / CSA          |
| size of contactor                             | S00                    |
| Substance Prohibition (Date)                  | 10/01/2009             |
| SVHC substance name                           | Lead CAS-No. 7439-92-1 |
| Net Weight                                    | 0.006 kg               |
| type of voltage of the control supply voltage | DC                     |
| control supply voltage at DC rated value      | 24 ... 70 V            |
| design of the surge suppressor                | diode                  |

### Ambient conditions

|  |                |
|--|----------------|
| ambient temperature  |                |
| <ul style="list-style-type: none"> <li>during operation</li> </ul> | -25 ... +60 °C |
| <ul style="list-style-type: none"> <li>during storage</li> </ul>   | -40 ... +80 °C |

### Installation/ mounting/ dimensions

|                   |         |
|-------------------|---------|
| mounting position | any     |
| fastening method  | clip-on |
| height            | 46 mm   |
| width             | 28 mm   |
| depth             | 9 mm    |

### Approvals Certificates

|  |            |
|--|------------|
| Environmental Product Declaration  |            |
| <ul style="list-style-type: none"> <li>global warming potential [CO2 eq] / during manufacturing</li> </ul> | 0.0885 kg  |
| <ul style="list-style-type: none"> <li>global warming potential [CO2 eq] / during operation</li> </ul>     | 6.96 kg    |
| <ul style="list-style-type: none"> <li>global warming potential [CO2 eq] / after end of life</li> </ul>    | -0.0061 kg |
| <ul style="list-style-type: none"> <li>global warming potential [CO2 eq] / total</li> </ul>                | 7.04 kg    |

### Environment General Product Approval



[Environmental Confirmations](#)



|     |                   |                      |
|-----|-------------------|----------------------|
| EMV | Test Certificates | Maritime application |
|-----|-------------------|----------------------|



[Special Test Certificate](#)

[Type Test Certificates/Test Report](#)



|                      |       |         |
|----------------------|-------|---------|
| Maritime application | other | Railway |
|----------------------|-------|---------|



[Miscellaneous](#)



[Confirmation](#)

[Special Test Certificate](#)

### Further information

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

Information- and Downloadcenter (Catalogs, Brochures,...)

<https://www.siemens.com/ic10>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RT2916-1LM00>

Cax online generator

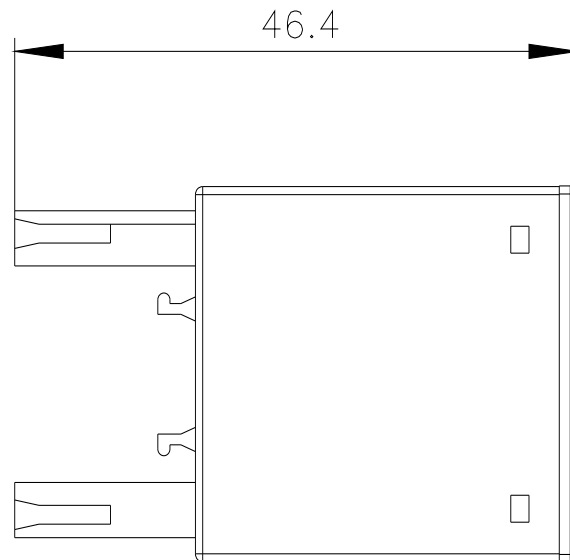
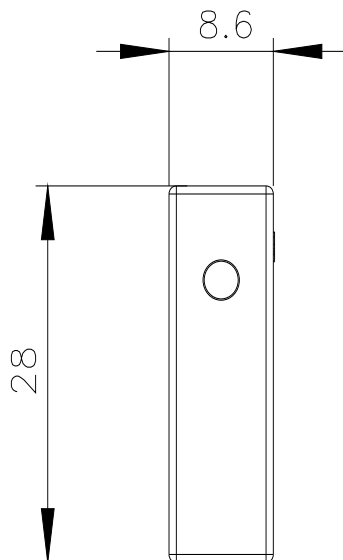
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2916-1LM00>

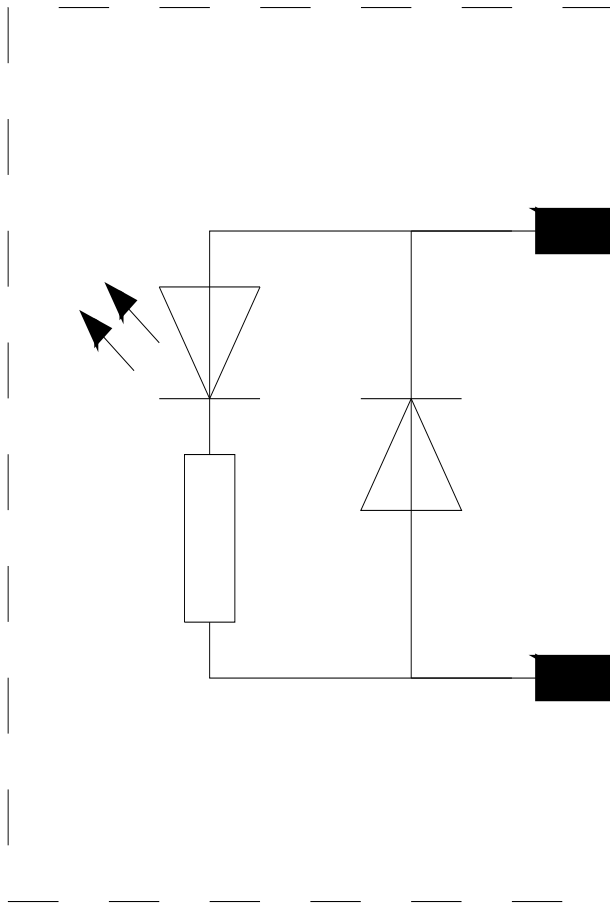
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3RT2916-1LM00>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

[https://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RT2916-1LM00&lang=en](https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT2916-1LM00&lang=en)





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